

Author index to Volume 33, 1996

Key: CRA = Congress Review Article; GE = Guest Editorial; RA = Review Article; PV = Personal View; OA = Original Article; SR = Short Report; CR = Case Report; L = Letter

- Akhtar N *see* Beaman JM
 Allaway SL *see* Whitehead TP
 Alvarez V *see* Ricós C
 Anderson RA, McAllister WAC, Taylor A: Acute mercuric iodide poisoning 468 (CR)
 Apple FS *see* McLaurin M
 Arafat N *see* Henry JG
 Asensio M *see* Fernández-Fernández L
 Attwell ME *see* Knapp ML
 Aufenanger J *see* Bertsch T
- Backer ET, Brand A: Detection of Bence-Jones protein in serum by immunoblotting 132 (OA)
 Badcock NR, Szep DA: Diagnosis of erythropoietic protoporphyria using cord blood 73 (SR)
 Badcock NR, Zoanetti GD: Modifications to Toxi-Lab for the routine screening for drugs in paediatric toxicology 75 (SR)
 Bais R *see* Kee P
 Ballering LAP, Bon MAM, Steffens-Nakken HM, van den Bergh FAJTM: Chemiluminescent detection of factor V Leiden in a routine laboratory 259 (SR)
 Banks RE *see* Bertsch T
 Banning A, Musumeci F, Penny W, Tovey JA: Reference intervals for cardiac troponin T, creatine kinase and creatine kinase-MB isoenzyme following coronary bypass graft surgery 561 (SR)
 Barron J: Diagnosis of adrenal insufficiency 357 (L)
 Barron J, Rough B: Progression of patients with a borderline raised thyroid-stimulating hormone concentration 157 (SR)
 Barron JL *see* Ibrahim S; Soper CPR
 Barter PJ *see* Kee P
 Barth JH, Fiddy JB, Payne RB: Adjustment of serum total calcium for albumin concentration: effects of non-linearity and of regression differences between laboratories 55 (OA)
 Barth JH *see also* Payne RB
 Baxter MA *see* Knapp ML
 Beaman JM, Akhtar N, Goldie DJ: Down's syndrome screening using free bhCG: instability can significantly increase the Down's risk estimate 525 (OA)
 Bertsch T, Banks RE, Forbes MA, Aufenanger J, Storr M, Illingworth JM, Perren TJ, Selby PJ, Kattermann R: Phospholipase A2 activity in serum is induced during treatment with recombinant human interleukin-6 in patients with cancer 565 (SR)
 Bessho F *see* Mashige F
 Bhatnagar D *see* Mackness MI
 Bishop JC, Dunstan FDJ, Nix ABJ, Reynolds T: Gestational dating and Down's syndrome screening 359 (L)
 Blom HJ *see* den Heijer M
 Bloomfield P *see* Wenham PR
 Blundell G *see* Wenham PR
- Bolaños JP *see* Clelland JD
 Bon MAM *see* Ballering LAP
 Boreham CAG *see* Duly EB
 Bos GMJ *see* den Heijer M
 Bowen J *see* Katz I
 Bowles SA, Kurdy N, Davis AM, France MW, Marsh DR: Serum osteocalcin, total and bone-specific alkaline phosphatase following isolated tibial shaft fracture 196 (OA)
 Brand A *see* Backer ET
 Brand MP *see* Clelland JD
 Branford S *see* Kee P
 Brattström L *see* Hultberg B
 Briddon A: Decision support techniques for the interpretation of quantitative amino acid data 227 (OA)
 Brisson-Lougarre A *see* Denier CJ
 Brodie MJ *see* Kilpatrick ES
 Broughton A *see* Lloyd JE
 Brouwer IA *see* den Heijer M
 Bruce C, Taylor WH: Plasma histamine in patients with tropical disorders and acute asthma who exhibit eosinophilia 249 (OA)
 Brux B *see* Jung K
 Buttery JE *see* Chamberlain BR
- Cahill DJ *see* Talbot WM
 Callewaert M *see* Van Blerk M
 Campbell RA, Gaffney D, Spooner RJ: Identification of a heterozygote for the silent and Kalow alleles of cholinesterase using a polymerase chain reaction technique 568 (CR)
 Canepa-Anson R *see* Collinson PO
 Chamberlain BR, Buttery JE, Pannall PR: A stable reagent mixture for the whole blood transketolase assay 352 (SR)
 Chandarana I *see* Sampson B
 Chow CC *see* Li JKY
 Christofides J *see* Ranganath LR
 Clelland JD, Brand MP, Bolaños JP, Surtees RAH, Land JM, Heales SJR: Age dependent changes in the cerebrospinal fluid concentration of nitrite and nitrate 71 (SR)
 Cocker J *see* Dyne D
 Cockram CS *see* Li JKY
 Collinson PO, Hjelm CJ, Canepa-Anson R: Paradoxical high-density lipoprotein reduction induced by fenofibrate and ciprofibrate 159 (CR)
 Collinson PO, Stubbs PJ: Early 'rule-in' diagnosis of acute myocardial infarction 4h post admission for rapid risk stratification by creatine kinase increment (creatine kinase change) 308 (OA)
 Constantinescu MA *see* Sampson B
 Cove DH *see* Malik KJ
 Cox SV *see* Westhuyzen J

- Crook D:** A survey of biases in the measurement of plasma lipid and lipoprotein concentrations in 32 lipid clinics in the UK 82 (SR)
- Crook M, Swaminathan R:** Disorders of plasma phosphate and indications for its measurement 376 (RA)
- Crook M, Tutt P, Eldridge P, Swaminathan R:** A case of creatine kinase non-M activity in human plasma 167 (CR)
- Cross DB** *see* Westhuyzen J
- Cussons PD** *see* Sampson B
- Datta HK, Weightman DR, Gustafsson JW:** Detection of an asymptomatic primary hyperthyroidism by increased urinary deoxypyridinoline excretion 357 (L)
- Davis AM** *see* Bowles SA
- Dean S** *see* Malik KJ
- Delattre J** *see* Gaillard O
- den Heijer M, Bos GMJ, Brouwer IA, Gerrits WBJ, Blom HJ:** Variability of the methionine loading test: no effect of a low protein diet 551 (OA)
- Denier CJ, Vergnes HA, Brisson-Lougarre A, Grozdea JG, Fournie AE, Klache AG, Perie JJ:** Inhibition by sodium thiophosphate and L-p-bromotetramisole of neutrophil alkaline phosphatase in normal and trisomy 21 pregnancies 215 (OA)
- Dmuchowski C** *see* Sykes E
- Doherty G, Young IS:** Effect of anticoagulant choice on apparent antioxidant capacity 93 (L)
- Duffy MJ:** PSA as a marker for prostate cancer: a critical review 511 (RA)
- Duly EB, Trinick TR, Kennedy DG, Macauley D, McCrum E, Stott G, Evans AE, Sweeney K, Boreham CAG, Sharpe P:** Vitamin E and exercise in the Northern Ireland population 234 (OA)
- Dunstan FDJ** *see* Bishop JC
- Durrington PN** *see* Mackness MI
- Dyne D, Cocker J, Streete PJ, Flanagan RJ:** Toluene, 1-butanol, ethylbenzene and xylene from Sarstedt Monovette serum gel blood collection tubes 355 (SR)
- Eldridge P** *see* Crook M
- Elves A** *see* Jefferson A
- Evans AE** *see* Duly EB
- Evans K** *see* Laker MF
- Fahy UM** *see* Talbot WM
- Falconer Smith J** *see* Wang TWM
- Fernández-Fernández L, Asensio M, Tejero E, Rabadán L, Lopez L:** Tumour markers in uraemia: carbohydrate antigen CA 72-4, carcinoembryonic antigen and carbohydrate antigen CA19-9 563 (SR)
- Fiddy JB** *see* Barth JH
- Flanagan RJ** *see* Dyne D
- Fleming SJ** *see* Westhuyzen J
- Forbes MA** *see* Bertsch T
- Fournie AE** *see* Denier CJ
- Fowler D** *see* Hembling IM
- France MW** *see* Bowles SA
- Frenneaux MP** *see* Westhuyzen J
- Friedrich W** *see* Withold W
- Fujimoto J, Hori M, Ichigo S, Tamaya T:** Sex steroids regulate the expression of plasminogen activator inhibitor-1 and its mRNA in fibroblasts derived from uterine endometrium 545 (OA)
- Fukuda A** *see* Ueda K
- Gaffney D** *see* Campbell RA
- Gaillard O, Gervais A, Meillet D, Delattre J, Lyon-Caen O, Schuller E:** Apolipoprotein E intrathecal synthesis is decreased in multiple sclerosis patients 148 (SR)
- Galley HF:** Anticoagulants for total antioxidant activity assay 92 (L)
- Galley HF:** Effect of anticoagulant choice on apparent antioxidant capacity 93 (L)
- Gama R, Norris F, Wright J, Morgan L, Hampton S, Watkins K, Marks V:** The entero-insular axis in polycystic ovarian syndrome 190 (OA)
- Geffner ME** *see* Herschenfeld AA
- Gerrits WBJ** *see* den Heijer M
- Gervais A** *see* Gaillard O
- Gibson M** *see* Sykes E
- Gips CH** *see* Huizenga JR
- Godsel P** *see* Katz I
- Goldie DJ** *see* Beaman JM
- Grozdea JG** *see* Denier CJ
- Gustafsson JW** *see* Datta HK
- Haddon A** *see* Labib M
- Haddow JE** *see* Palomaki GE
- Hampton S** *see* Gama R
- Harlow CR** *see* Talbot WM
- Harvey CJ** *see* Johnston JD
- Hata K, Tokuihiro H, Nakatsuka K, Miki T, Nishizawa Y, Morii H, Miura M:** Measurement of bone-specific alkaline phosphatase by an immunoselective enzyme assay method 127 (OA)
- Haynes B** *see* Mackness MI
- Heales SJR** *see* Clelland JD
- Hembling IM, Pledger DR, Fowler D:** An unusual case of hyperkalaemia 89 (CR)
- Henke W** *see* Jung K
- Henry JG, Sobki S, Ararat N:** Interference by biotin therapy on measurement of TSH and FT₄ by enzyme immunoassay on Boehringer Mannheim ES700 analyser 162 (CR)
- Henry TD** *see* McLaurin M
- Hermens WTH** *see* Kragten JA
- Hernández A** *see* Ricós C
- Herschenfeld AA, Geffner ME:** Massive hypercortisolaemia secondary to stress 164 (CR)
- Hjelm CJ** *see* Collinson PO
- Holdaway IM** *see* Mason BH
- Hollis S:** Analysis of method comparison studies 1 (GE)
- Hollis S:** Beyond the myths of difference plots 577 (L)
- Hori M** *see* Fujimoto J
- Horsley E** *see* Wilkinson H
- Howlett TA** *see* Wang TWM
- Huizenga JR, Gips CH, Tangerman A:** The contribution of various organs to ammonia formation: a review of factors determining the arterial ammonia concentration 23 (RA)

- Hultberg B, Isaksson A, Lindgren A, Israelsson B, Brattström L:** b-Hexosaminidase isoenzymes A and B in middle-aged and elderly subjects: determinants of plasma levels and relation to vascular disease 432 (OA)
- Ibrahim S, Mojiminiyi S, Barron JL:** High-performance liquid chromatographic determination of pyridinium crosslinks in serum, urine and dialysate of patients in chronic renal failure 31 (OA)
- Ichigo S** *see* Fujimoto J
- Illingworth JM** *see* Bertsch T
- Isaksson A** *see* Hultberg B
- Israelsson B** *see* Hultberg B
- Jagger CE** *see* Kilpatrick ES
- James IT, Walne AJ, Perrett D:** The measurement of pyridinium crosslinks: a methodological overview 397 (RA)
- Jarvie DR** *see* Moore FML
- Jefferson A, Reynolds TM, Elves A, Wierzbicki AS:** Patients with recurrent renal stones have a physico-chemically altered urinary Tamm-Horsfall glycoprotein profile 540 (OA)
- Jiménez CV** *see* Ricós C
- Johnston JD, Harvey CJ:** Serial measurements of serum creatine kinase are of most use in the exclusion of acute myocardial infarction in patients with a history of heart disease 520 (OA)
- Jung K, Lein M, Schnorr D, Brux B, Henke W, Loening S:** Comparison between equimolar- and skewed-response assays of prostate specific antigen: is there an influence on the clinical significance when measuring total serum prostate specific antigen? 209 (OA)
- Kanazawa H** *see* Mashige F
- Kattermann R** *see* Bertsch T
- Katz I, Godsel P, Bowen J, Wyndham L:** An unusual cause of hyperglycorrhachia 84 (CR)
- Kee P, Bais R, Sobiecki SK, Branford S, Rye K-A, Barter PJ:** Indirect sandwich enzyme-linked immunosorbent assay (ELISA) for plasma apolipoprotein E 119 (OA)
- Keevil BG, Maylor PW, Rowlands D:** A rapid anion exchange high-performance liquid chromatography method for the measurement of HbA₂ in whole blood 253 (OA)
- Keevil BG, Nichols SP, Tierney DP:** Measurement of sweat sodium using a modified enzymatic assay 459 (SR)
- Kennedy DG** *see* Duly EB
- Kilpatrick ES, Jagger CE, Spooner RJ, Brodie MJ:** Apolipoprotein E and epilepsy 146 (SR)
- Klaebe AG** *see* Denier CJ
- Knapp ML, Manyonda IT, Attwell ME, Baxter MA:** Clinically significant interference by haemoglobin F during pregnancy with the measurement of HbA1 using the Corning agar electroendosmotic technique 151 (SR)
- Ko GTC** *see* Li JKY
- Kragten JA, Hermens WTh, van Dieijen-Visser MP:** Cardiac troponin T release into plasma after acute myocardial infarction: only fractional recovery compared with enzymes 314 (OA)
- Kurdy N** *see* Bowles SA
- Kwong PYP, Teale JD:** An unusual case of growth hormone receptor deficiency syndrome 465 (CR)
- Labib M, Haddon A:** The adverse effects of anabolic steroids on serum lipids 263 (CR)
- Labib M** *see also* O'Hanlon M; Palfrey S
- Laermans L** *see* Van Blerk M
- Laing I** *see* Olukoga AO
- Laker MF, Evans K:** Analysis of apolipoproteins 5 (RA)
- Lambert A** *see* Sherwood RA
- Land JM** *see* Clelland JD
- Lein M** *see* Jung K
- Li JKY, Chow CC, Yeung VTF, Ko GTC, Metreweli C, Cockram CS:** Primary hyperparathyroidism complicated by osteomalacia 571 (CR)
- Lindgren A** *see* Hultberg B
- Lips P** *see* Popp-Snijders C
- Lloyd JE, Broughton A, Selby C:** Salivary creatinine assays as a potential screen for renal disease 428 (OA)
- Loening S** *see* Jung K
- Lopez L** *see* Fernández-Fernández L
- Lewis EI, Oakey RE:** Steroid sulphatase deficiency: identification of heterozygotes using hydrolysis of dehydroepiandrosterone sulphate by peripheral leucocytes 219 (OA)
- Lyon-Caen O** *see* Gaillard O
- McAllister WAC** *see* Anderson RA
- Macauley D** *see* Duly EB
- McCrum E** *see* Duly EB
- Mackness MI, Bhatnagar D, Weiriga G, MBewu A, Haynes B, Durrington PN:** A comparative study of six commercial lipoprotein(a) assays in seventeen laboratories within the British Isles 63 (OA)
- McLaurin M, Apple FS, Henry TD, Sharkey SW:** Cardiac troponin I and T concentrations in patients with cocaine-associated chest pain 183 (OA)
- McQueen MJ:** Clinical chemistry—twilight or dawn? 271 (GE)
- Makin HLJ:** Origins of the sex difference in human urinary free cortisol excretion 471 (L)
- Malik KJ, Wakelin K, Dean S, Cove DH, Wood PJ:** Cushing's syndrome and hypothalamic-pituitary adrenal axis suppression induced by medroxyprogesterone acetate 187 (OA)
- Manyonda IT** *see* Knapp ML
- Marks V** *see* Gama R
- Marsh DR** *see* Bowles SA
- Mashige F, Matsushima Y, Kanazawa H, Sakuma I, Takai N, Bessho F, Ohkubo A:** Acidic catecholamine metabolites and 5-hydroxyindoleacetic acid in urine: the influence of diet 43 (OA)
- Maslin DJ** *see* Rea CA
- Mason BH, Tatnell MA, Holdaway IM:** Measurement of human IGF-II using Sephacryl extraction: a rapid and reliable assay method 201 (OA)
- Matsushima Y** *see* Mashige F
- Maxwell SRJ** *see* Rea CA

- Maylor PW *see* Keevil BG
 MBewu A *see* Mackness MI
 Mees M *see* Van Blerk M
 Meillet D *see* Gaillard O
 Menzel EJ, Reihnsner R: Comparison of the effect of different inhibitors on the non-enzymatic glycation of rat tail tendons and bovine serum albumin 241 (OA)
 Merrill J *see* Tetlow VA
 Metreweli C *see* Li JKY
 Miller NJ: Anticoagulants for total antioxidant activity assay 92 (L)
 Minchinela J *see* Ricós C
 Mitchell R *see* Olukoga AO
 Miura M *see* Hata K
 Mojiminiyi S *see* Ibrahim S
 Moore FML, Jarvie DR, Simpson D: Comparison of polyclonal and monoclonal assays for routine screening of urines for amphetamines 78 (SR)
 Morgan L *see* Gama R
 Morii H *see* Hata K
 Mould GP *see* Starkey BJ
 Musumeci F *see* Banning A
- Nakagawa T *see* Ueda K
 Nakajima H *see* Ueda K
 Nakatsuka K *see* Hata K
 Netelenbos JC *see* Popp-Snijders C
 Newham DJ *see* Sherwood RA
 Nichols SP *see* Keevil BG
 Nishizawa Y *see* Hata K
 Nix ABJ *see* Bishop JC
 Norris F *see* Gama R
- Oakey RE *see* Lowis EI
 O'Halloran DJ, Wieringa G, Tsatsoulis A, Shalet SM: Increased serum lipoprotein(a) concentrations after growth hormone treatment in patients with isolated GH deficiency 330 (OA)
 O'Hanlon M, Salter S, Scull D, Labib M: Neopterin levels in alcohol-dependent patients 536 (OA)
 Ohkubo A *see* Mashige F
 Ohsawa N *see* Ueda K
 Olukoga AO, Mitchell R, Walton L, Robertson WR, Laing I: Differences in serum luteinizing hormone measurements by immunoradiometric assay induced by kinetic manipulation of assay conditions are dependent on the endocrine milieu of serum 107 (OA)
 Pagani F *see* Panteghini M
 Palfrey S, Labib M: A simple HPLC method for the separation of amphetamine isomers in urine and its application in differentiating between 'street' amphetamine and prescribed D-amphetamine 344 (OA)
 Palomaki GE, Haddow JE: Gestational dating and Down's syndrome screening 359 (L)
 Pannall PR *see* Chamberlain BR
 Panteghini M, Pagani F: Biological variation in urinary excretion of pyridinium crosslinks: recommendations for the optimum specimen 36 (OA)
 Payne RB, Barth JH: Adjustment of serum total calcium for albumin concentration: values change with age in women but not in men 59 (OA)
 Payne RB *see also* Barth JH
 Penney MD *see* Wenham PR
 Penny W *see* Banning A
 Perich C *see* Ricós C
 Perie JJ *see* Denier CJ
 Perren TJ *see* Bertsch T
 Perrett D *see* James IT
 Peters TJ *see* Sherwood RA
 Piscator: 95, 182, 269, 367, 578, 475
 Pledger DR *see* Hembling IM
 Popp-Snijders C, Lips P, Netelenbos JC: Intra-individual variation in bone resorption markers in urine 347 (SR)
 Price A, Ross R: Interpretation of cortisol response to synacthen 175 (L)
- Rabadán L *see* Fernández-Fernández L
 Rae PWH *see* Wenham PR
 Ranganath LR, Christofides J, Semple MJ: Increased mean platelet volume after oestrogen replacement therapy 555 (OA)
 Rattenbury JM, Worthy E: Is the sweat test safe? Some instances of burns received during pilocarpine iontophoresis 456 (SR)
 Raven P *see* Taylor N
 Rea CA, Maxwell SRJ, Maslin DJ, Thomason HL, Thorpe GHG: Anticoagulant effects of antioxidant capacity 174 (L)
 Reglinski J, Watson ID: An analytical perspective of NMR spectroscopy of biological fluids and cells 290 (RA)
 Reihnsner R *see* Menzel EJ
 Reinauer H *see* Withold W
 Reynolds T *see* Bishop JC
 Reynolds TM *see* Jefferson A
 Ricós C, Serrano M, Alvarez V, Minchinela J, Perich C, Jiménez CV, Simón M, Hernández A: A practical approach to minimizing inaccuracy through traceability, using limited resources 139 (RA)
 Robertson WR *see* Olukoga AO
 Robinson D *see* Whitehead TP
 Roelandt P *see* Van Blerk M
 Ross R *see* Price A
 Rough B *see* Barron J
 Rowlands D *see* Keevil BG
 Rozenski E *see* Van Blerk M
 Rustin GJS: The clinical value of tumour markers in the management of ovarian cancer 384 (CRA)
 Ryan MF, Samy A, Young J: Vigabatrin causes profound reduction in serum alanine transaminase activity 257 (SR)
 Rye K-A *see* Kee P
- Sakuma I *see* Mashige F
 Salter S *see* O'Hanlon M
 Sampson B, Constantinescu MA, Chandarana I, Cussons PD: Severe hypocupraemia in a patient with extensive burn injuries 462 (CR)
 Samy A *see* Ryan MF
 Schnorr D *see* Jung K
 Schuller E *see* Gaillard O
 Scull D *see* O'Hanlon M
 Selby C *see* Lloyd JE

- Selby PJ *see* Bertsch T
- Semple MJ *see* Ranganath LR
- Serrano M *see* Ricós C
- Seth J: Standardization of protein hormone immunoassays 482 (PV)
- Shalet SM *see* O'Halloran DJ
- Sharkey SW *see* McLaurin M
- Sharpe P *see* Duly EB
- Sherwood RA, Lambert A, Newham DJ, Wassif WS, Peters TJ: The effect of eccentric exercise on serum creatine kinase activity in different ethnic groups, 324 (OA)
- Shimizu A *see* Ueda K
- Simón M *see* Ricós C
- Simpson D *see* Moore FML
- Smitz J *see* Van Blerk M
- Sobecki SK *see* Kee P
- Sobki S *see* Henry JG
- Soper CPR, Xavier FR, Barron JL: A new enzymatic method for the determination of inulin 265 (L)
- Spooner RJ *see* Campbell RA; Kilpatrick ES
- Starkey BJ, Mould GP: An external quality assessment scheme for amiodarone and desethylamiodarone: initial results 154 (SR)
- Steffens-Nakken HM *see* Ballering LAP
- Stöckl D: Beyond the myths of difference plots 575 (L)
- Storr M *see* Bertsch T
- Stott G *see* Duly EB
- Streete PJ *see* Dyne D
- Stubbs PJ *see* Collinson PO
- Sugita O: A new enzymatic method for the determination of inulin 265 (L)
- Surtees RAH *see* Clelland JD
- Swaminathan R *see* Crook M
- Sweeney K *see* Duly EB
- Sykes E, Gibson M, Dmuchowski C: Homogentisic acid interference in the measurement of urinary protein using benzethonium chloride 86 (CR)
- Szep DA *see* Badcock NR
- Takai N *see* Mashige F
- Talbot WM, Cahill DJ, Fahy UM, Wardle PG, Harlow CR: Capillary blood collection tubes may affect serum progesterone 451 (SR)
- Tamaya T *see* Fujimoto J
- Tangerman A *see* Huizenga JR
- Tatnell MA *see* Mason BH
- Taylor A: Detection and monitoring of disorders of essential trace elements 486 (RA)
- Taylor A *see* Anderson RA
- Taylor N, Raven P: Origins of the sex difference in human urinary free cortisol excretion 174 (L), 471 (L)
- Taylor WH *see* Bruce C
- Teale JD *see* Kwong PYP
- Tejero E *see* Fernández-Fernández L
- Tetlow VA, Merrill J: Rapid determination of amphetamine stereoisomer ratios in urine by gas chromatography-mass spectroscopy 50 (OA)
- Thomson HL *see* Rea CA
- Thorpe GHG *see* Rea CA
- Tierney DP *see* Keevil BG
- Tokuhiro H *see* Hata K
- Tormey WP: The diagnosis and management of acute myocardial infarction—a role for biochemical markers? 477 (PV)
- Tovey JA *see* Banning A
- Trinick TR *see* Duly EB
- Tsatsoulis A *see* O'Halloran DJ
- Tutt P *see* Crook M
- Ueda K, Nakagawa T, Shimizu A, Nakajima H, Fukuda A, Ohsawa N: Rheumatoid factor in the serum of hepatitis C virus-infected patients: an increase in the titre during cold storage 438 (OA)
- Van Blerk M, Smitz J, Rozenski E, Mees M, Roelant P, Laermans L, Callewaert M, Van Steirteghem AC: Four radioisotopic immunoassays of free thyroxine compared 335 (OA)
- van den Bergh FAJTM *see* Ballering LAP
- van Dieijen-Visser MP *see* Kragten JA
- Van Steirteghem AC *see* Van Blerk M
- Vergnes HA *see* Denier CJ
- Waise A: Clinical audit in the UK: does it have a future 369 (PV)
- Wakelin K *see* Malik KJ
- Walker SW *see* Wenham PR
- Walne AJ *see* James IT
- Walton L *see* Olukoga AO
- Wang TWM, Wong MS, Falconer Smith J, Howlett TA: The use of the short tetracosactrin test for the investigation of suspected pituitary hypofunction 112 (OA)
- Wardle PG *see* Talbot WM
- Wassif WS *see* Sherwood RA
- Watkins K *see* Gama R
- Watson ID *see* Reglinski J
- Weightman DR *see* Datta HK
- Weiriga G *see* Mackness MI
- Wenham PR, Bloomfield P, Blundell G, Penney MD, Rae PWH, Walker SW: Familial defective apolipoprotein B-100: a study of patients from lipid clinics in Scotland and Wales 443 (OA)
- Westhuyzen J, Cross DB, Cox SV, Frenneaux MP, Fleming SJ: Urinary protein excretion following coronary angiography using a non-ionic radiocontrast agent 349 (SR)
- White GH: Accreditation: the Australian experience 273 (CRA)
- Whitehead TP, Robinson D, Allaway SL: The effects of cigarette smoking and alcohol consumption on blood lipids: a dose-related study on men 99 (OA)
- Whitehead TP, Robinson D, Allaway SL: The effects of cigarette smoking and alcohol consumption on serum liver enzyme activities: a dose-related study in men 530 (OA)
- Wieringa G *see* O'Halloran DJ
- Wierzbicki AS *see* Jefferson A
- Wilkinson H: Haemochromatosis associated with arthritis and hypopituitarism 171 (CR): erratum 366
- Wilkinson H, Horsley E: Changes in markers of bone collagen turnover in toxic and euthyroid states: a study of 22 patients 454 (SR)

Withold W, Friedrich W, Reinauer H: Comparison of biochemical markers of bone resorption in patients with metabolic and malignant bone diseases 421 (OA)

Wong MS *see* Wang TWM

Wood PJ *see* Malik KJ

Worthy E *see* Rattenbury JM

Wright J *see* Gama R

Wyndham L *see* Katz I

Xavier FR *see* Soper CPR

Yeung VTF *see* Li JKY

Young IS *see* Doherty G

Young J *see* Ryan MF

Zilva JF: Book reviews 265 (L)

Zoanetti GD *see* Badcock NR

Subject index to Volume 33, 1996

Key: CRA = Congress Review Article; GE = Guest Editorial; RA = Review Article; PV = Personal View; OA = Original Article; SR = Short Report; CR = Case Report; L = Letter

- Accreditation**, Accreditation: the Australian experience 273 (CRA)
- Acidic catecholamine metabolites**, Acidic catecholamine metabolites and 5-hydroxyindoleacetic acid in urine: the influence of diet 43 (OA)
- Acute phase reaction**, Phospholipase A2 activity in serum is induced during treatment with recombinant human interleukin-6 in patients with cancer 565 (SR)
- Adrenal insufficiency**, Diagnosis of adrenal insufficiency 357 (L)
- Age dependent changes**, Age dependent changes in the cerebrospinal fluid concentration of nitrite and nitrate 71 (SR)
- Alanine aminotransferase**, The effects of cigarette smoking and alcohol consumption on serum liver enzyme activities: a dose-related study in men 530 (OA)
- Alanine transaminase activity**, Vigabatrin causes profound reduction in serum alanine transaminase activity 257 (SR)
- Albumin**
Adjustment of serum total calcium for albumin concentration: effects of non-linearity and of regression differences between laboratories 55 (OA)
Adjustment of serum total calcium for albumin concentration: values change with age in women but not in men 59 (OA)
Comparison of the effect of different inhibitors on the non-enzymatic glycation of rat tail tendons and bovine serum albumin 241 (OA)
- Alcohol**
Neopterin levels in alcohol-dependent patients 536 (OA)
The effects of cigarette smoking and alcohol consumption on blood lipids: a dose-related study on men 99 (OA)
The effects of cigarette smoking and alcohol consumption on serum liver enzyme activities: a dose-related study in men 530 (OA)
- Alkaline phosphatase**
Inhibition by sodium thiophosphate and L-p-bromotetramisole of neutrophil alkaline phosphatase in normal and trisomy 21 pregnancies 215 (OA)
Measurement of bone-specific alkaline phosphatase by an immunoselective enzyme assay method 127 (OA)
Serum osteocalcin, total and bone-specific alkaline phosphatase following isolated tibial shaft fracture 196 (OA)
- Alkaptonuria**, Homogentisic acid interference in the measurement of urinary protein using benzethonium chloride 86 (CR)
- Alphafetoprotein**, Down's syndrome screening using free β hCG: instability can significantly increase the Down's risk estimate 525 (OA)
- Amino acid**, Decision support techniques for the interpretation of quantitative amino acid data 227 (OA)
- Aminoguanidine**, Comparison of the effect of different inhibitors on the non-enzymatic glycation of rat tail tendons and bovine serum albumin 241 (OA)
- Amiodarone**, An external quality assessment scheme for amiodarone and desethylamiodarone: initial results 154 (SR)
- Ammonia**, The contribution of various organs to ammonia formation: a review of factors determining the arterial ammonia concentration 23 (RA)
- Amphetamine abuse**
Comparison of polyclonal and monoclonal assays for routine screening of urines for amphetamines 78 (SR)
Rapid determination of amphetamine stereoisomer ratios in urine by gas chromatography-mass spectroscopy 50 (OA)
- Amphetamine isomers**, A simple HPLC method for the separation of amphetamine isomers in urine and its application in differentiating between 'street' amphetamine and prescribed D-amphetamine 344 (OA)
- Amphetamine stereoisomer ratios**, Rapid determination of amphetamine stereoisomer ratios in urine by gas chromatography-mass spectroscopy 50 (OA)
- Amphetamines**, Comparison of polyclonal and monoclonal assays for routine screening of urines for amphetamines 78 (SR)
- Amplification refractory mutagenesis**, Identification of a heterozygote for the silent and Kalow alleles of cholinesterase using a polymerase chain reaction technique 568 (CR)
- Anabolic steroids**, The adverse effects of anabolic steroids on serum lipids 263 (CR)
- Anion exchange**, A rapid anion exchange high-performance liquid chromatography method for the measurement of HbA₂ in whole blood 253 (OA)
- Anticoagulant(s)**
Anticoagulant effects of antioxidant capacity 174 (L)
Anticoagulants for total antioxidant activity assay 92 (L)
Effect of anticoagulant choice on apparent antioxidant capacity 93 (L)
- Antioxidant activity assay**, Anticoagulants for total antioxidant activity assay 92 (L)
- Antioxidant capacity**
Anticoagulant effects of antioxidant capacity 174 (L)
Effect of anticoagulant choice on apparent antioxidant capacity 93 (L)

- Apolipoprotein B-100**, Familial defective apolipoprotein B-100: a study of patients from lipid clinics in Scotland and Wales 443 (OA)
- Apolipoprotein E**
 Apolipoprotein E and epilepsy 146 (SR)
 Apolipoprotein E intrathecal synthesis is decreased in multiple sclerosis patients 148 (SR)
 Indirect sandwich enzyme-linked immunosorbent assay (ELISA) for plasma apolipoprotein E 119 (OA)
- Apolipoproteins**, Analysis of apolipoproteins 5 (RA)
- Arginine**, Comparison of the effect of different inhibitors on the non-enzymatic glycation of rat tail tendons and bovine serum albumin 241 (OA)
- ARMS**, Identification of a heterozygote for the silent and Kalow alleles of cholinesterase using a polymerase chain reaction technique 568 (CR)
- Arthritis**, Haemochromatosis associated with arthritis and hypopituitarism 171 (CR)
- Aspartate aminotransferase**, The effects of cigarette smoking and alcohol consumption on serum liver enzyme activities: a dose-related study in men 530 (OA)
- Asthma**, Plasma histamine in patients with tropical disorders and acute asthma who exhibit eosinophilia 249 (OA)
- Australia**, Accreditation: the Australian experience 273 (CRA)
- Bence-Jones protein**, Detection of Bence-Jones protein in serum by immunoblotting 132 (OA)
- Benign prostate hyperplasia**, Comparison between equimolar- and skewed-response assays of prostate specific antigen: is there an influence on the clinical significance when measuring total serum prostate specific antigen? 209 (OA)
- Benzethonium chloride**, Homogentisic acid interference in the measurement of urinary protein using benzethonium chloride 86 (CR)
- Biological variation**
 A comparative study of six commercial lipoprotein(a) assays in seventeen laboratories within the British Isles 63 (OA)
 Biological variation in urinary excretion of pyridinium crosslinks: recommendations for the optimum specimen 36 (OA)
- Biotin therapy**, Interference by biotin therapy on measurement of TSH and FT₄ by enzyme immunoassay on Boehringer Mannheim ES700 analyser 162 (CR)
- Boehringer Mannheim ES700 analyser**, Interference by biotin therapy on measurement of TSH and FT₄ by enzyme immunoassay on Boehringer Mannheim ES700 analyser 162 (CR)
- Bone collagen**
 Changes in markers of bone collagen turnover in toxic and euthyroid states: a study of 22 patients 454 (SR)
 High-performance liquid chromatographic determination of pyridinium crosslinks in serum, urine and dialysate of patients in chronic renal failure 31 (OA)
- Bone metastases**, Comparison of biochemical markers of bone resorption in patients with metabolic and malignant bone diseases 421 (OA)
- Bone resorption**
 Biological variation in urinary excretion of pyridinium crosslinks: recommendations for the optimum specimen 36 (OA)
 Comparison of biochemical markers of bone resorption inpatients with metabolic and malignant bone diseases 421 (OA)
 Intra-individual variation in bone resorption markers in urine 347 (SR)
- Bone-specific alkaline phosphatase**, Measurement of bone-specific alkaline phosphatase by an immunoselective enzyme assay method 127 (OA)
- Bone turnover**, Detection of an asymptomatic primary hyperthyroidism by increased urinary deoxypyridinoline excretion 357 (L)
- Book review**, Reply by letter 265 (L)
- Book reviews**
 Betteridge DJ, *editor*. Baillière's clinical endocrinology and metabolism: Dyslipidaemia, 1995 365
 Campbell AK. Rubicon—the fifth dimension of biology, 1994 363
 Cowan JA, *editor*. The biological chemistry of magnesium, 1995 364
 Delves PJ. Antibody applications—essential techniques, 1995 362
 Durrington P. Hyperlipidaemia: diagnosis and management, 2nd edn, 1995 177
 Fagin JA, *editor*. Baillière's clinical endocrinology and metabolism: Pituitary tumours, 1995 267
 Georges RJ. Worked-calculations in clinical biochemistry, 1995 365
 Gosling JP, Basso LV, *editors*. Immunoassay—laboratory analysis and clinical application, 1994 179
 Holton JB. The inherited metabolic diseases, 2nd edn, 1994 178
 Kricka LJ, *editor*. Nonisotopic probing, blotting and sequencing, 2nd edn, 1995 473
 Lawrence E, *editor*. Henderson's dictionary of biological terms, 11th edn, 1995 362
 Marshall WJ. Clinical chemistry, 3rd edn, 1995 363
 Moncada S, Feelisch M, Busse R, Higgs EA, *editors*. The biology of nitric oxide. Part 3: Physiological and clinical aspects. Part 4: Enzymology, biochemistry and immunology, 1994 178
 Rice-Evans C, Bruckdorfer KR, *editors*. Oxidative stress, lipoproteins and cardiovascular dysfunction, 1995 181
 Soldin SJ, Rifai N, Hicks JMB, *editors*. Biochemical basis of paediatric disease, 2nd edn, 1992 268
 Strike PW. Measurement of laboratory medicine: a primer on control and interpretation, 1996 267
 Thakker RV, *editor*. Baillière's clinical endocrinology and metabolism -genetic and molecular biological aspects of endocrine disease, 1995 180
 Voet D, Voet JG. Biochemistry, 2nd edn, 1995 180
 Wood EJ. The biochemical basis of biology. Vol 3: Manipulating DNA (Video), 1994 177
Bromotetramisole, Inhibition by sodium thiophosphate and L-p-bromotetramisole of neutrophil alkaline

- phosphatase in normal and trisomy 21 pregnancies 215 (OA)
- Burns**
- Is the sweat test safe? Some instances of burns received during pilocarpine iontophoresis 456 (SR)
- Severe hypocupraemia in a patient with extensive burn injuries 462 (CR)
- 1-Butanol**, Toluene, 1-butanol, ethylbenzene and xylene from Sarstedt Monovette serum gel blood collection tubes 355 (SR)
- CA 125**, The clinical value of tumour markers in the management of ovarian cancer 284 (CRA)
- Calcium**
- Adjustment of serum total calcium for albumin concentration: effects of non-linearity and of regression differences between laboratories 55 (OA)
- Adjustment of serum total calcium for albumin concentration: values change with age in women but not in men 59 (OA)
- Capillary blood collection tubes**, Capillary blood collection tubes may affect serum progesterone 451 (SR)
- Carcinoembryonic antigen**, Tumour markers in uraemia: carbohydrate antigen CA 72-4, carcinoembryonic antigen and carbohydrate antigen CA 19-9 563 (SR)
- Cardiac troponin I and T concentrations**, Cardiac troponin I and T concentrations in patients with cocaine-associated chest pain 183 (OA)
- Cerebrospinal fluid glucose**, An unusual cause of hyperglycorrhachia 84 (CR)
- Chelation**, Acute mercuric iodide poisoning 468 (CR)
- Chemiluminescent detection**, Chemiluminescent detection of factor V Leiden in a routine laboratory 259 (SR)
- Chest pain**, Serial measurements of serum creatine kinase are of most use in the exclusion of acute myocardial infarction in patients with a history of heart disease 520 (OA)
- Cholesterol**, A survey of biases in the measurement of plasma lipid and lipoprotein concentrations in 32 lipid clinics in the UK 82 (SR)
- Cholinesterase**, Identification of a heterozygote for the silent and Kalow alleles of cholinesterase using a polymerase chain reaction technique 568 (CR)
- Ciprofibrate**, Paradoxical high-density lipoprotein reduction induced by fenofibrate and ciprofibrate 159 (CR)
- Clinical analysis**, An analytical perspective of NMR spectroscopy of biological fluids and cells 290 (RA)
- Clinical audit**, Clinical audit in the UK: does it have a future? 369 (PV)
- Clinical chemistry**, Clinical chemistry—twilight or dawn? 271 (GE)
- Cocaine-associated chest pain**, Cardiac troponin I and T concentrations in patients with cocaine-associated chest pain 183 (OA)
- Cold storage**, Rheumatoid factor in the serum of hepatitis C virus-infected patients: an increase in the titre during cold storage 438 (OA)
- Collagen**
- Changes in markers of bone collagen turnover in toxic and euthyroid states: a study of 22 patients 454 (SR)
- High-performance liquid chromatographic determination of pyridinium crosslinks in serum, urine and dialysate of patients in chronic renal failure 31 (OA)
- Collagen crosslinks**
- The measurement of pyridinium crosslinks: a methodological overview 397 (RA)
- see also; Pyridinium crosslinks
- Collagen structure**, Comparison of the effect of different inhibitors on the non-enzymatic glycation of rat tail tendons and bovine serum albumin 241 (OA)
- Comparison studies**
- A comparative study of six commercial lipoprotein(a) assays in seventeen laboratories within the British Isles 63 (OA)
- Analysis of method comparison studies 1 (GE)
- Comparison of polyclonal and monoclonal assays for routine screening of urines for amphetamines 78 (SR)
- Computerized knowledge based systems**, Decision support techniques for the interpretation of quantitative amino acid data 227 (OA)
- Copper**, Detection and monitoring of disorders of essential trace elements 486 (RA)
- Corning agar electroendosmotic technique**, Clinically significant interference by haemoglobin F during pregnancy with the measurement of HbA1c using the Corning agar electroendosmotic technique 151 (SR)
- Coronary angiography**, Urinary protein excretion following coronary angiography using a non-ionic radiocontrast agent 349 (SR)
- Coronary bypass graft surgery**, Reference intervals for cardiac troponin T, creatine kinase and creatine kinase-MB isoenzyme following coronary bypass graft surgery 561 (SR)
- Cortisol excretion**, Origins of the sex difference in human urinary free cortisol excretion 174 (L), 471 (L)
- Cortisol response**, Interpretation of cortisol response to synacthen 175 (L)
- Creatine kinase**
- A case of creatine kinase non-M activity in human plasma 167 (CR)
- Cardiac troponin T release into plasma after acute myocardial infarction: only fractional recovery compared with enzymes 314 (OA)
- Reference intervals for cardiac troponin T, creatine kinase and creatine kinase-MB isoenzyme following coronary bypass graft surgery 561 (SR)
- Serial measurements of serum creatine kinase are of most use in the exclusion of acute myocardial infarction in patients with a history of heart disease 520 (OA)
- The diagnosis and management of acute myocardial infarction—a role for biochemical markers? 477 (PV)
- The effect of eccentric exercise on serum creatine kinase activity in different ethnic groups 324 (OA)

Creatine kinase-MB

Serial measurements of serum creatine kinase are of most use in the exclusion of acute myocardial infarction in patients with a history of heart disease **520** (OA)

The diagnosis and management of acute myocardial infarction—a role for biochemical markers? **477** (PV)

Creatine kinase-MB isoenzyme, Reference intervals for cardiac troponin T, creatine kinase and creatine kinase-MB isoenzyme following coronary bypass graft surgery **561** (SR)

Creatine kinase-myoglobin, Early 'rule-in' diagnosis of acute myocardial infarction 4 h post admission for rapid risk stratification by creatine kinase increment (creatinine kinase change) **308** (OA)

Creatinine assays, Salivary creatinine assays as a potential screen for renal disease **428** (OA)

Cryoglobulin, Rheumatoid factor in the serum of hepatitis C virus-infected patients: an increase in the titre during cold storage **438** (OA)

Cryptand, Measurement of sweat sodium using a modified enzymatic assay **459** (SR)

Cushing's syndrome, Cushing's syndrome and hypothalamic-pituitary-adrenal axis suppression induced by medroxyprogesterone acetate **187** (OA)

Cystic fibrosis

Is the sweat test safe? Some instances of burns received during pilocarpine iontophoresis **456** (SR)

Measurement of sweat sodium using a modified enzymatic assay **459** (SR)

Cytokine, Phospholipase A2 activity in serum is induced during treatment with recombinant human interleukin-6 in patients with cancer **565** (SR)

Dehydroepiandrosterone sulphate, Steroid sulphatase deficiency: identification of heterozygotes using hydrolysis of dehydroepiandrosterone sulphate by peripheral leucocytes **219** (OA)

Delfia system, Down's syndrome screening using free β hCG: instability can significantly increase the Down's risk estimate **525** (OA)

Deoxyypyridinoline

Detection of an asymptomatic primary hyperthyroidism by increased urinary deoxyypyridinoline excretion **357** (L)

High-performance liquid chromatographic determination of pyridinium crosslinks in serum, urine and dialysate of patients in chronic renal failure **31** (OA)

The measurement of pyridinium crosslinks: a methodological overview **397** (RA)

Deoxyypyridinoline cross-link, Intra-individual variation in bone resorption markers in urine **347** (SR)

Desethylamiodarone, An external quality assessment scheme for amiodarone and desethylamiodarone: initial results **154** (SR)

Dialysis, Acute mercuric iodide poisoning **468** (CR)

Diet, Acidic catecholamine metabolites and 5-hydroxyindoleacetic acid in urine: the influence of diet **43** (OA)

Difference plots, Beyond the myths of difference plots **575** (L)

3,4-Dihydroxyphenylacetic acid, Acidic catecholamine metabolites and 5-hydroxyindoleacetic acid in urine: the influence of diet **43** (OA)

Down's syndrome

Down's syndrome screening using free β hCG: instability can significantly increase the Down's risk estimate **525** (OA)

Gestational dating and Down's syndrome screening **359** (L)

Drug screening, Modifications to Toxi-Lab for the routine screening for drugs in paediatric toxicology **75** (SR)

Drugs of abuse, A simple HPLC method for the separation of amphetamine isomers in urine and its application in differentiating between 'street' amphetamine and prescribed D-amphetamine **344** (OA)

Dyslipoproteinaemias, Analysis of apolipoproteins **5** (RA)

Eccentric exercise, The effect of eccentric exercise on serum creatine kinase activity in different ethnic groups **324** (OA)

Electrocardiography, Early 'rule-in' diagnosis of acute myocardial infarction 4 h post admission for rapid risk stratification by creatine kinase increment (creatinine kinase change) **308** (OA)

ELISA, Indirect sandwich enzyme-linked immunosorbent assay (ELISA) for plasma apolipoprotein E **119** (OA)

EMIT immunoassays, Comparison of polyclonal and monoclonal assays for routine screening of urines for amphetamines **78** (SR)

Endometrial fibroblast, Sex steroids regulate the expression of plasminogen activator inhibitor-1 and its mRNA in fibroblasts derived from uterine endometrium **545** (OA)

Entero-insular axis, The entero-insular axis in polycystic ovarian syndrome **190** (OA)

Eosinophilia, Plasma histamine in patients with tropical disorders and acute asthma who exhibit eosinophilia **249** (OA)

Epilepsy, Apolipoprotein E and epilepsy **146** (SR)

Erratum 366

Erythropoietic protoporphyria, Diagnosis of erythropoietic protoporphyria using cord blood **73** (SR)

Ethnicity, The effect of eccentric exercise on serum creatine kinase activity in different ethnic groups **324** (OA)

Ethylbenzene, Toluene, 1-butanol, ethylbenzene and xylene from Sarstedt Monovette serum gel blood collection tubes **355** (SR)

Exercise

The effect of eccentric exercise on serum creatine kinase activity in different ethnic groups **324** (OA)

Vitamin E and exercise in the Northern Ireland population **234** (OA)

Factor V Leiden, Chemiluminescent detection of factor V Leiden in a routine laboratory **259** (SR)

- Familial defective apolipoprotein B-100**, Familial defective apolipoprotein B-100: a study of patients from lipid clinics in Scotland and Wales 443 (OA)
- Fenofibrate**, Paradoxical high-density lipoprotein reduction induced by fenofibrate and ciprofibrate 159 (CR)
- Fluorescence immunoassay**, Capillary blood collection tubes may affect serum progesterone 451 (SR)
- Folate**, Variability of the methionine loading test: no effect of a low protein diet 551 (OA)
- Free thyroxine**, Four radioisotopic immunoassays of free thyroxine compared 335 (OA)
- Fructokinase**, A new enzymatic method for the determination of inulin 265 (L)
- β Galactosidase**, Measurement of sweat sodium using a modified enzymatic assay 459 (SR)
- Gamma glutamyl transferase**, The effects of cigarette smoking and alcohol consumption on serum liver enzyme activities: a dose-related study in men 530 (OA)
- Gas chromatography-mass spectroscopy**
Comparison of polyclonal and monoclonal assays for routine screening of urines for amphetamines 78 (SR)
Rapid determination of amphetamine stereoisomer ratios in urine by gas chromatography-mass spectroscopy 50 (OA)
- Gestational dating**, Gestational dating and Down's syndrome screening 359 (L)
- Glucose**, An unusual cause of hyperglycorrhachia 84 (CR)
- Glycation end products**, Comparison of the effect of different inhibitors on the non-enzymatic glycation of rat tail tendons and bovine serum albumin 241 (OA)
- Gonadotrophins**, Standardization of protein hormone immunoassays 482 (PV)
- Growth hormone deficiency**, Increased serum lipoprotein(a) concentrations after growth hormone treatment in patients with isolated GH deficiency 330 (OA)
- Growth hormone receptor deficiency syndrome**, An unusual case of growth hormone receptor deficiency syndrome 465 (CR)
- Haemochromatosis**, Haemochromatosis associated with arthritis and hypopituitarism 171 (CR)
- Haemodialysis**
High-performance liquid chromatographic determination of pyridinium crosslinks in serum, urine and dialysate of patients in chronic renal failure 31 (OA)
Tumour markers in uraemia: carbohydrate antigen CA 72-4, carcinoembryonic antigen and carbohydrate antigen CA 19-9 563 (SR)
- Haemoglobin F**, Clinically significant interference by haemoglobin F during pregnancy with the measurement of HbA1 using the Corning agar electroendosmotic technique 151 (SR)
- HbA₂**, A rapid anion exchange high-performance liquid chromatography method for the measurement of HbA₂ in whole blood 253 (OA)
- HbS**, A rapid anion exchange high-performance liquid chromatography method for the measurement of HbA₂ in whole blood 253 (OA)
- Heart disease**, Serial measurements of serum creatine kinase are of most use in the exclusion of acute myocardial infarction in patients with a history of heart disease 520 (OA)
- Heparinized blood**, Anticoagulants for total antioxidant activity assay 92 (L)
- Hepatic encephalopathy**, The contribution of various organs to ammonia formation: a review of factors determining the arterial ammonia concentration 23 (RA)
- Hepatitis C virus**, Rheumatoid factor in the serum of hepatitis C virus-infected patients: an increase in the titre during cold storage 438 (OA)
- β -Hexosaminidase**, β -Hexosaminidase isoenzymes A and B in middle-aged and elderly subjects: determinants of plasma levels and relation to vascular disease 432 (OA)
- High-density lipoprotein**
A survey of biases in the measurement of plasma lipid and lipoprotein concentrations in 32 lipid clinics in the UK 82 (SR)
Paradoxical high-density lipoprotein reduction induced by fenofibrate and ciprofibrate 159 (CR)
- High-density lipoprotein cholesterol**, The adverse effects of anabolic steroids on serum lipids 263 (CR)
- High-density lipoprotein**, *see also*: Apolipoprotein(s): Lipoprotein(s)
- High-field NMR spectroscopy**, An analytical perspective of NMR spectroscopy of biological fluids and cells 290 (RA)
- High-performance liquid chromatography**
A rapid anion exchange high-performance liquid chromatography method for the measurement of HbA₂ in whole blood 253 (OA)
A simple HPLC method for the separation of amphetamine isomers in urine and its application in differentiating between 'street' amphetamine and prescribed D-amphetamine 344 (OA)
High-performance liquid chromatographic determination of pyridinium crosslinks in serum, urine and dialysate of patients in chronic renal failure 31 (OA)
The measurement of pyridinium crosslinks: a methodological overview 397 (RA)
- Histamine**, Plasma histamine in patients with tropical disorders and acute asthma who exhibit eosinophilia 249 (OA)
- Homocysteine**, Variability of the methionine loading test: no effect of a low protein diet 551 (OA)
- Homogentisic acid interference**, Homogentisic acid interference in the measurement of urinary protein using benzethonium chloride 86 (CR)
- Homovanillic acid**, Acidic catecholamine metabolites and 5-hydroxyindoleacetic acid in urine: the influence of diet 43 (OA)
- Hormone replacement therapy**, Increased mean platelet volume after oestrogen replacement therapy 555 (OA)
- Human chorionic gonadotrophin β** , Down's syndrome screening using free β hCG: instability can significantly increase the Down's risk estimate 525 (OA)

- 5-Hydroxyindoleacetic acid**, Acidic catecholamine metabolites and 5-hydroxyindoleacetic acid in urine: the influence of diet 43 (OA)
- Hypercalcaemia**, Primary hyperparathyroidism complicated by osteomalacia 571 (CR)
- Hypercholesterolaemia**, Familial defective apolipoprotein B-100: a study of patients from lipid clinics in Scotland and Wales 443 (OA)
- Hypercortisolaemia**, Massive hypercortisolaemia secondary to stress 164 (CR)
- Hyperglycorrachia**, An unusual cause of hyperglycorrachia 84 (CR)
- Hyperkalaemia**, An unusual case of hyperkalaemia 89 (CR)
- Hyperparathyroidism**, Primary hyperparathyroidism complicated by osteomalacia 571 (CR)
- Hyperthyroidism**, Detection of an asymptomatic primary hyperthyroidism by increased urinary deoxypyridinoline excretion 357 (L)
- Hypocupraemia**, Severe hypocupraemia in a patient with extensive burn injuries 462 (CR)
- Hypopituitarism**, Haemochromatosis associated with arthritis and hypopituitarism 171 (CR)
- Hypothalamic-pituitary adrenal axis**, Cushing's syndrome and hypothalamic-pituitary adrenal axis suppression induced by medroxyprogesterone acetate 187 (OA)
- Hypothyroidism**, Progression of patients with a borderline raised thyroid-stimulating hormone concentration 157 (SR)
- Ibuprofen**, Comparison of the effect of different inhibitors on the non-enzymatic glycation of rat tail tendons and bovine serum albumin 241 (OA)
- Immunoassays**, Four radioisotopic immunoassays of free thyroxine compared 335 (OA)
- Immunoblotting**
Detection of Bence-Jones protein in serum by immunoblotting 132 (OA)
Patients with recurrent renal stones have a physicochemically altered urinary Tamm-Horsfall glycoprotein profile 540 (OA)
- Immunochemical methods**, Analysis of apolipoproteins 5 (RA)
- Immunoradiometric assay**, Differences in serum luteinizing hormone measurements by immunoradiometric assay induced by kinetic manipulation of assay conditions are dependent on the endocrine milieu of serum 107 (OA)
- Immunoselective enzyme assay**, Measurement of bone-specific alkaline phosphatase by an immunoselective enzyme assay method 127 (OA)
- In vitro fertilization**, Capillary blood collection tubes may affect serum progesterone 451 (SR)
- Inaccuracy**, A practical approach to minimizing inaccuracy through traceability, using limited resources 139 (RA)
- Indirect sandwich ELISA**, Indirect sandwich enzyme-linked immunosorbent assay (ELISA) for plasma apolipoprotein E 119 (OA)
- Insulin-like growth factor**
An unusual case of growth hormone receptor deficiency syndrome 465 (CR)
- Measurement of human IGF-II using Sephacryl extraction: a rapid and reliable assay method 201 (OA)
- Interleukin-6**, Phospholipase A2 activity in serum is induced during treatment with recombinant human interleukin-6 in patients with cancer 565 (SR)
- International standards**, Standardization of protein hormone immunoassays 482 (PV)
- Inulin**, A new enzymatic method for the determination of inulin 265 (L)
- Iohexol**, Urinary protein excretion following coronary angiography using a non-ionic radiocontrast agent 349 (SR)
- Isoenzymes**, β -Hexosaminidase isoenzymes A and B in middle-aged and elderly subjects: determinants of plasma levels and relation to vascular disease 432 (OA)
- Jaffe method**, Salivary creatinine assays as a potential screen for renal disease 428 (OA)
- Kalow allele**, Identification of a heterozygote for the silent and Kalow alleles of cholinesterase using a polymerase chain reaction technique 568 (CR)
- L-p-bromotetramisole**, Inhibition by sodium thiophosphate and L-p-bromotetramisole of neutrophil alkaline phosphatase in normal and trisomy 21 pregnancies 215 (OA)
- Laboratory results**
A comparative study of six commercial lipoprotein(a) assays in seventeen laboratories within the British Isles 63 (OA)
Adjustment of serum total calcium for albumin concentration: effects of non-linearity and of regression differences between laboratories 55 (OA)
- Laboratory standards**, Accreditation: the Australian experience 273 (CRA)
- Laron-type dwarfism**, An unusual case of growth hormone receptor deficiency syndrome 465 (CR)
- Leukaemia**, An unusual case of hyperkalaemia 89 (CR)
- Lipid concentration**, A survey of biases in the measurement of plasma lipid and lipoprotein concentrations in 32 lipid clinics in the UK 82 (SR)
- Lipid fractions**, Increased serum lipoprotein(a) concentrations after growth hormone treatment in patients with isolated GH deficiency 330 (OA)
- Lipids**
The adverse effects of anabolic steroids on serum lipids 263 (CR)
The effects of cigarette smoking and alcohol consumption on blood lipids: a dose-related study on men 99 (OA)
- Lipoprotein(a)**
A comparative study of six commercial lipoprotein(a) assays in seventeen laboratories within the British Isles 63 (OA)
Increased serum lipoprotein(a) concentrations after growth hormone treatment in patients with isolated GH deficiency 330 (OA)

Lipoproteins

A survey of biases in the measurement of plasma lipid and lipoprotein concentrations in 32 lipid clinics in the UK **82** (SR)

Analysis of apolipoproteins **5** (RA)

see also; Apolipoprotein(s): High-density lipoprotein:

Liver, The contribution of various organs to ammonia formation: a review of factors determining the arterial ammonia concentration **23** (RA)

Liver enzyme activities, The effects of cigarette smoking and alcohol consumption on serum liver enzyme activities: a dose-related study in men **530** (OA)

Liver function tests

β -Hexosaminidase isoenzymes A and B in middle-aged and elderly subjects: determinants of plasma levels and relation to vascular disease **432** (OA)

Vigabatrin causes profound reduction in serum alanine transaminase activity **257** (SR)

Low protein diet, Variability of the methionine loading test: no effect of a low protein diet **551** (OA)

Luteinizing hormone, Differences in serum luteinizing hormone measurements by immunoradiometric assay induced by kinetic manipulation of assay conditions are dependent on the endocrine milieu of serum **107** (OA)

Manganese, Detection and monitoring of disorders of essential trace elements **486** (RA)

Measurements, Analysis of method comparison studies **1** (GE)

Medroxyprogesterone acetate, Cushing's syndrome and hypothalamic-pituitary adrenal axis suppression induced by medroxyprogesterone acetate **187** (OA)

Mercuric iodide poisoning, Acute mercuric iodide poisoning **468** (CR)

Methionine loading test, Variability of the methionine loading test: no effect of a low protein diet **551** (OA)

Method comparison studies, Analysis of method comparison studies **1** (GE)

Monoclonal antibodies, Standardization of protein hormone immunoassays **482** (PV)

Monoclonal assays, Comparison of polyclonal and monoclonal assays for routine screening of urines for amphetamines **78** (SR)

mRNA, Sex steroids regulate the expression of plasminogen activator inhibitor-1 and its mRNA in fibroblasts derived from uterine endometrium **545** (OA)

Multiple sclerosis, Apolipoprotein E intrathecal synthesis is decreased in multiple sclerosis patients **148** (SR)

Myocardial infarction

Cardiac troponin I and T concentrations in patients with cocaine-associated chest pain **183** (OA)

Cardiac troponin T release into plasma after acute myocardial infarction: only fractional recovery compared with enzymes **314** (OA)

Early 'rule-in' diagnosis of acute myocardial infarction 4 h post admission for rapid risk stratification by creatine kinase increment (creatinase kinase change) **308** (OA)

Serial measurements of serum creatine kinase are of most use in the exclusion of acute myocardial infarction in patients with a history of heart disease **520** (OA)

The diagnosis and management of acute myocardial infarction—a role for biochemical markers? **477** (PV)

Myoglobin, The diagnosis and management of acute myocardial infarction—a role for biochemical markers? **477** (PV)

N-terminal cross-linked telopeptide, Intra-individual variation in bone resorption markers in urine **347** (SR)

Neopterin, Neopterin levels in alcohol-dependent patients **536** (OA)

Neutrophil alkaline phosphatase, Inhibition by sodium thiophosphate and L-p-bromotetramisole of neutrophil alkaline phosphatase in normal and trisomy 21 pregnancies **215** (OA)

Nitrate, Nitric oxide, Nitrite, Age dependent changes in the cerebrospinal fluid concentration of nitrite and nitrate **71** (SR)

Non-enzymatic glycation, Comparison of the effect of different inhibitors on the non-enzymatic glycation of rat tail tendons and bovine serum albumin **241** (OA)

Nuclear magnetic resonance spectroscopy, An analytical perspective of NMR spectroscopy of biological fluids and cells **290** (RA)

Osteocalcin, Serum osteocalcin, total and bone-specific alkaline phosphatase following isolated tibial shaft fracture **196** (OA)

Osteomalacia, Primary hyperparathyroidism complicated by osteomalacia **571** (CR)

Osteoporosis

Detection of an asymptomatic primary hyperthyroidism by increased urinary deoxypyridinoline excretion **357** (L)

Intra-individual variation in bone resorption markers in urine **347** (SR)

Ovarian cancer, The clinical value of tumour markers in the management of ovarian cancer **284** (CRA)

Ovary, The entero-insular axis in polycystic ovarian syndrome **190** (OA)

Paediatric toxicology, Modifications to Toxi-Lab for the routine screening for drugs in paediatric toxicology **75** (SR)

PAI-1, Sex steroids regulate the expression of plasminogen activator inhibitor-1 and its mRNA in fibroblasts derived from uterine endometrium **545** (OA)

Parenteral nutrition, An unusual cause of hyperglycorrhachia **84** (CR)

Peripheral leucocytes, Steroid sulphatase deficiency: identification of heterozygotes using hydrolysis of dehydroepiandrosterone sulphate by peripheral leucocytes **219** (OA)

Peroxynitrite, Age dependent changes in the cerebrospinal fluid concentration of nitrite and nitrate **71** (SR)

- Phosphate**, Disorders of plasma phosphate and indications for its measurement 376 (RA)
- Phospholipase A2 isoenzymes**, Phospholipase A2 activity in serum is induced during treatment with recombinant human interleukin-6 in patients with cancer 565 (SR)
- Pilocarpine iontophoresis**, Is the sweat test safe? Some instances of burns received during pilocarpine iontophoresis 456 (SR)
- Pilocarpine stimulation**, Measurement of sweat sodium using a modified enzymatic assay 459 (SR)
- Pituitary hypofunction**, The use of the short tetra-actin test for the investigation of suspected pituitary hypofunction 112 (OA)
- Plasma phosphate**, Disorders of plasma phosphate and indications for its measurement 376 (RA)
- Plasminogen activator inhibitor-1**, Sex steroids regulate the expression of plasminogen activator inhibitor-1 and its mRNA in fibroblasts derived from uterine endometrium 545 (OA)
- Platelet membrane fatty acids**, Increased mean platelet volume after oestrogen replacement therapy 555 (OA)
- Poisoning**, Modifications to Toxi-Lab for the routine screening for drugs in paediatric toxicology 75 (SR)
- Polyclonal assays**, Comparison of polyclonal and monoclonal assays for routine screening of urines for amphetamines 78 (SR)
- Polycystic ovarian syndrome**
Differences in serum luteinizing hormone measurements by immunoradiometric assay induced by kinetic manipulation of assay conditions are dependent on the endocrine milieu of serum 107 (OA)
The entero-insular axis in polycystic ovarian syndrome 190 (OA)
- Polymerase chain reaction**, Identification of a heterozygote for the silent and Kalow alleles of cholinesterase using a polymerase chain reaction technique 568 (CR)
- Porphyrias**, Diagnosis of erythropoietic protoporphyria using cord blood 73 (SR)
- Pregnancy**
Clinically significant interference by haemoglobin F during pregnancy with the measurement of HbA1 using the Corning agar electroendosmotic technique 151 (SR)
Inhibition by sodium thiophosphate and L-p-bromotetramisole of neutrophil alkaline phosphatase in normal and trisomy 21 pregnancies 215 (OA)
- Proficiency testing**, Standardization of protein hormone immunoassays 482 (PV)
- Progesterone**, Capillary blood collection tubes may affect serum progesterone 451 (SR)
- Prostate cancer**, Comparison between equimolar- and skewed-response assays of prostate specific antigen: is there an influence on the clinical significance when measuring total serum prostate specific antigen? 209 (OA)
- Prostate specific antigen**
Comparison between equimolar- and skewed-response assays of prostate specific antigen: is there an influence on the clinical significance when measuring total serum prostate specific antigen? 209 (OA)
PSA as a marker for prostate cancer: a critical review 511 (RA)
- Protein**
Homogentisic acid interference in the measurement of urinary protein using benzethonium chloride 86 (CR)
Urinary protein excretion following coronary angiography using a non-ionic radiocontrast agent 349 (SR)
- Protein hormone immunoassays**, Standardization of protein hormone immunoassays 482 (PV)
- Protoporphyrin**, Diagnosis of erythropoietic protoporphyria using cord blood 73 (SR)
- PSA-inhibitor complexes**, PSA as a marker for prostate cancer: a critical review 511 (RA)
- Pseudohyperkalaemia**, An unusual case of hyperkalaemia 89 (CR)
- Pyridinium crosslinks**
Biological variation in urinary excretion of pyridinium crosslinks: recommendations for the optimum specimen 36 (OA)
Comparison of biochemical markers of bone resorption in patients with metabolic and malignant bone diseases 421 (OA)
High-performance liquid chromatographic determination of pyridinium crosslinks in serum, urine and dialysate of patients in chronic renal failure 31 (OA)
The measurement of pyridinium crosslinks: a methodological overview 397 (RA)
- Quality assessment**, An external quality assessment scheme for amiodarone and desethylamiodarone: initial results 154 (SR)
- Quality assurance**, A practical approach to minimizing inaccuracy through traceability, using limited resources 139 (RA)
- Quality control**, A survey of biases in the measurement of plasma lipid and lipoprotein concentrations in 32 lipid clinics in the UK 82 (SR)
- Racial variation**, The effect of eccentric exercise on serum creatine kinase activity in different ethnic groups 324 (OA)
- Radiocontrast agent**, Urinary protein excretion following coronary angiography using a non-ionic radiocontrast agent 349 (SR)
- Radioisotopic immunoassays**, Four radioisotopic immunoassays of free thyroxine compared 335 (OA)
- Reference ranges**
Adjustment of serum total calcium for albumin concentration: effects of non-linearity and of regression differences between laboratories 55 (OA)
Adjustment of serum total calcium for albumin concentration: values change with age in women but not in men 59 (OA)
Age dependent changes in the cerebrospinal fluid concentration of nitrite and nitrate 71 (SR)
Standardization of protein hormone immunoassays 482 (PV)

- Renal calculi**, Patients with recurrent renal stones have a physico-chemically altered urinary Tamm-Horsfall glycoprotein profile **540** (OA)
- Renal disease**, Salivary creatinine assays as a potential screen for renal disease **428** (OA)
- Renal failure**, High-performance liquid chromatographic determination of pyridinium crosslinks in serum, urine and dialysate of patients in chronic renal failure **31** (OA)
- Renal osteodystrophy**, High-performance liquid chromatographic determination of pyridinium crosslinks in serum, urine and dialysate of patients in chronic renal failure **31** (OA)
- Renal transplantation**, Comparison of biochemical markers of bone resorption inpatients with metabolic and malignant bone diseases **421** (OA)
- Rheumatoid factor**, Rheumatoid factor in the serum of hepatitis C virus-infected patients: an increase in the titre during cold storage **438** (OA)
- Salivary creatinine assays**, Salivary creatinine assays as a potential screen for renal disease **428** (OA)
- Sarstedt Monovette**, Toluene, 1-butanol, ethylbenzene and xylene from Sarstedt Monovette serum gel blood collection tubes **355** (SR)
- Schistosomiasis**, Plasma histamine in patients with tropical disorders and acute asthma who exhibit eosinophilia **249** (OA)
- Selenium**
Detection and monitoring of disorders of essential trace elements **486** (RA)
Severe hypoparathyroidism in a patient with extensive burn injuries **462** (CR)
- Sephacryl extraction**, Measurement of human IGF-II using Sephacryl extraction: a rapid and reliable assay method **201** (OA)
- Serum total calcium**
Adjustment of serum total calcium for albumin concentration: effects of non-linearity and of regression differences between laboratories **55** (OA)
Adjustment of serum total calcium for albumin concentration: values change with age in women but not in men **59** (OA)
- Sex steroids**, Sex steroids regulate the expression of plasminogen activator inhibitor-1 and its mRNA in fibroblasts derived from uterine endometrium **545** (OA)
- Short synacthen test**, Diagnosis of adrenal insufficiency **357** (L)
- Sialoprotein**, Patients with recurrent renal stones have a physico-chemically altered urinary Tamm-Horsfall glycoprotein profile **540** (OA)
- Smoking**
The effects of cigarette smoking and alcohol consumption on blood lipids: a dose-related study on men **99** (OA)
The effects of cigarette smoking and alcohol consumption on serum liver enzyme activities: a dose-related study in men **530** (OA)
- Sodium thiophosphate**, Inhibition by sodium thiophosphate and L-p-bromotetramisole of neutrophil alkaline phosphatase in normal and trisomy 21 pregnancies **215** (OA)
- Spectroscopy**, An analytical perspective of NMR spectroscopy of biological fluids and cells **290** (RA)
- Steroid sulphatase deficiency**, Steroid sulphatase deficiency: identification of heterozygotes using hydrolysis of dehydroepiandrosterone sulphate by peripheral leucocytes **219** (OA)
- Stress**, Massive hypercortisolaemia secondary to stress **164** (CR)
- Strongyloidiasis**, Plasma histamine in patients with tropical disorders and acute asthma who exhibit eosinophilia **249** (OA)
- Sweat test**
Is the sweat test safe? Some instances of burns received during pilocarpine iontophoresis **456** (SR)
Measurement of sweat sodium using a modified enzymatic assay **459** (SR)
- Synacthen**
Diagnosis of adrenal insufficiency **357** (L)
Interpretation of cortisol response to synacthen **175** (L)
The use of the short tetracosactrin test for the investigation of suspected pituitary hypofunction **112** (OA)
- T lymphocyte**, Neopterin levels in alcohol-dependent patients **536** (OA)
- Tamm-Horsfall glycoprotein profile**, Patients with recurrent renal stones have a physico-chemically altered urinary Tamm-Horsfall glycoprotein profile **540** (OA)
- Target values**, A practical approach to minimizing inaccuracy through traceability, using limited resources **139** (RA)
- Tetracosactrin test**, The use of the short tetracosactrin test for the investigation of suspected pituitary hypofunction **112** (OA)
- Thalassaemia β** , A rapid anion exchange high-performance liquid chromatography method for the measurement of HbA₂ in whole blood **253** (OA)
- Thiamine status**, A stable reagent mixture for the whole blood transketolase assay **352** (SR)
- Thrombolysis**, The diagnosis and management of acute myocardial infarction—a role for biochemical markers? **477** (PV)
- Thyroid-stimulating hormone**
Interference by biotin therapy on measurement of TSH and FT₄ by enzyme immunoassay on Boehringer Mannheim ES700 analyser **162** (CR)
Progression of patients with a borderline raised thyroid-stimulating hormone concentration **157** (SR)
- Thyrotoxicosis**, Changes in markers of bone collagen turnover in toxic and euthyroid states: a study of 22 patients **454** (SR)
- Thyroxine**
Four radioisotopic immunoassays of free thyroxine compared **335** (OA)
Interference by biotin therapy on measurement of TSH and FT₄ by enzyme immunoassay on Boehringer Mannheim ES700 analyser **162** (CR)

- Tibial shaft fracture**, Serum osteocalcin, total and bone-specific alkaline phosphatase following isolated tibial shaft fracture **196** (OA)
- Toluene**, Toluene, 1-butanol, ethylbenzene and xylene from Sarstedt Monovette serum gel blood collection tubes **355** (SR)
- Total antioxidant activity assay**
Anticoagulants for total antioxidant activity assay **92** (L)
Effect of anticoagulant choice on apparent antioxidant capacity **93** (L)
- Toxi-Lab**, Modifications to Toxi-Lab for the routine screening for drugs in paediatric toxicology **75** (SR)
- Trace elements**, Detection and monitoring of disorders of essential trace elements **486** (RA)
- Traceability**, A practical approach to minimizing inaccuracy through traceability, using limited resources **139** (RA)
- Transketolase**, A stable reagent mixture for the whole blood transketolase assay **352** (SR)
- Triglycerides**
A survey of biases in the measurement of plasma lipid and lipoprotein concentrations in 32 lipid clinics in the UK **82** (SR)
An unusual cause of hyperglycorrhachia **84** (CR)
- Trisomy 21 pregnancy**, Inhibition by sodium thiophosphate and L-p-bromotetramisole of neutrophil alkaline phosphatase in normal and trisomy 21 pregnancies **215** (OA)
- Tropical disorders**, Plasma histamine in patients with tropical disorders and acute asthma who exhibit eosinophilia **249** (OA)
- Troponin T**
Cardiac troponin T release into plasma after acute myocardial infarction: only fractional recovery compared with enzymes **314** (OA)
Reference intervals for cardiac troponin T, creatine kinase and creatine kinase-MB isoenzyme following coronary bypass graft surgery **561** (SR)
The diagnosis and management of acute myocardial infarction—a role for biochemical markers? **477** (PV)
- Tumour markers**
The clinical value of tumour markers in the management of ovarian cancer **284** (CRA)
Tumour markers in uraemia: carbohydrate antigen CA 72-4, carcinoembryonic antigen and carbohydrate antigen CA 19-9 **563** (SR)
- Tumour necrosis factor**, Phospholipase A2 activity in serum is induced during treatment with recombinant human interleukin-6 in patients with cancer **565** (SR)
- Ultraviolet spectrophotometry**, Modifications to Toxi-Lab for the routine screening for drugs in paediatric toxicology **75** (SR)
- Uraemia**, Tumour markers in uraemia: carbohydrate antigen CA 72-4, carcinoembryonic antigen and carbohydrate antigen CA 19-9 **563** (SR)
- Urinary free cortisol excretion**, Origins of the sex difference in human urinary free cortisol excretion **174** (L), **471** (L)
- Uromodulin**, Patients with recurrent renal stones have a physico-chemically altered urinary Tamm-Horsfall glycoprotein profile **540** (OA)
- Vanillic acid**, Acidic catecholamine metabolites and 5-hydroxyindoleacetic acid in urine: the influence of diet **43** (OA)
- Vanillylmandelic acid**, Acidic catecholamine metabolites and 5-hydroxyindoleacetic acid in urine: the influence of diet **43** (OA)
- Vascular disease**, β -Hexosaminidase isoenzymes A and B in middle-aged and elderly subjects: determinants of plasma levels and relation to vascular disease **432** (OA)
- Vigabatrin**, Vigabatrin causes profound reduction in serum alanine transaminase activity **257** (SR)
- Vitamin B₁₂**, Variability of the methionine loading test: no effect of a low protein diet **551** (OA)
- Vitamin E**, Vitamin E and exercise in the Northern Ireland population **234** (OA)
- Women**, Adjustment of serum total calcium for albumin concentration: values change with age in women but not in men **59** (OA)
- Xylene**, Toluene, 1-butanol, ethylbenzene and xylene from Sarstedt Monovette serum gel blood collection tubes **355** (SR)
- Zinc**
Detection and monitoring of disorders of essential trace elements **486** (RA)
Severe hypocupraemia in a patient with extensive burn injuries **462** (CR)

